CKET NO. 2583.1002-003

ATENT AND TRADEMARK OFFICE IN THE UNIT

APR 0 2 2001

Declaration for Patent Application

OPY

As a named inventor, I hereby declare that:

My residence, post office address and emizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject maner which is claimed and for which a patent is sought on the invention entitled PASSIVE SOLID-STATE MAGNETIC FIELD SENSORS AND APPLICATIONS THEREFOR the specification of which (check one) is attached hereto. [] was filed on April 5 2000 as United States Application [X]Number or PCT International Application No._ (if applicable). and was amended on ___ I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above I acknowledge the duty to disclose information which is known by the to be material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for parent or inventor's certificate, or of any PCT international application having a filling date before that of the application on which priority is claimed: Certified Priority Prior Foreign Application(s) Copy Filed? Not NO Claimed (Day/Month/Year filed) (Number) (Country)] (Day/Month/Year filed) (Country) (Number) [(Day/Month/Year filed) (Country) (Number) I hereby claim the benefit under 35 U.S.C. §119(c) of any United States provisional application(s) listed below. April 5, 1999 (Application Number) (Filing Date) (Filing Date) (Application Number)

1

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| 09/441,763 | November 17, 1999 | Pending |
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| Application Serul No) | (Filing dam) | (Status: patented, pending, abandoned) |
| 09/358,177 | July 20, 1999 | Pending |
| Application Senal No.) | (Filing date) | (Status, patented, pending, abandoned) |
| Application Serial No.) | (Filing date) | (Status: patented, pending, abandoned) |
| Application Serial No.) | (Filmg date) | (Status: patented, pending, abandoned) |
| As a named my Bamilton, Brook, Smith Customer No. 2100: | entor, I hereby appoint the attorneys at h & Reynolds, P.C., Two Militia Dri S, | nd/or agents associated with ive, Lexington, Massachusetts 02421-4799 |
| and | | |
| to prosecute this applicat | tion and to transact all business in the | Patent and Trademark Office connected therewith. |
| Please send correspo | ondeure to: | ! |
| [X] Customer No. | 21005 | CONTRACTOR OF D.C. |
| • | HAMILTON, BROOK, Two Militia Drive | SMITH & REYNOLDS, P.C. |
| | Lexington, MA 02421-4 | 7 99 |
| · or | | 1 |
| [] Address as follo | DW3: | |
| | | : |
| Direct telephon | e culls to: Leo R. Reynolds, Esq | Telephone No.: 781-861-6240 |
| · · | es to. Jen R. Reynolds, Esq. | Facsimile No. 781-861-9540 |
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| on information and belief | ef are believed to be true; and further tens and the like so made are punishab Inited States Code and that such willf It issued thereon. | y own knowledge are true and that all statements made that these statements were made with the knowledge le by fine or imprisonment, or both, under Section till false statements may jeopardize the validity of the |
| Full name of sole | ه کارون در | |
| | Yi-Qua Li | |
| Inventor's Signature | | Date |
| Residence | | |
| | | · |
| • ———— | Republic of China | |
| Post Office Address | Same as above | |
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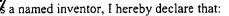
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| Full name of second jour | ar . | | İ |
| inventor, if any | Robert C O'Handley | | : |
| Inventor's Signature | | | 1 |
| Residence | 3 Glenn Cove | | 1 |
| | Andover, MA 01810 | | |
| Cinzenship | USA | | 1 |
| Post Office Address | Same as above | | |
| Full name of third joint | | | |
| mentor, if any | Gerald F Dionne | | |
| Inventor's Signature | | Date | |
| Residence | 182 High Street | | |
| | Winchester, MA 01890 | | 1 |
| | USA | | ! |
| | Same as above | | |
| Full name of fourth jon | n: | . | |
| inventor, if any | Chun Zhane | | 6/ -/ |
| Inventor's Signature | Thangchun | Date_ | 7125100 |
| Residence | 10 Old Smalleyrown Road | | <u> </u> |
| | Warren, NJ 07059 | | |
| Cinzenship | USA | | |
| Post Office Address | Same as above | | |
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application





My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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|] | is attached hereto. | | • | | | | | | |
| [X] | was filed on Apri | 15,2000 as | United States Application | | | | | | |
| | Number or PCT In | ternational Applica | ation No. 09/542,346 | | | | | | |
| | and was amended | on | (if applicable). | | | | | | |
| ncludir | | | d understand the contents of the adment referred to above. | bove-ide | ntified | spec | ificat | ion, | • |
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| ountry ny fore | nt or inventor's certi- other than the Unite | ficate or 365(a) of ad States of Americ patent or inventor's cation on which pri | ts under 35 U.S.C. 119(a)-(d) or 3 any PCT international application a, listed below and have also ider certificate, or of any PCT internationity is claimed: tior Foreign Application(s) | which datified be tional ap | esigna low, by | ted a / che | t leas: cking | t one the l a filii | box. |
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| Numbe | er) | (Country) | (Day/Month/Year filed) | [|] | [|] | [|] |
| hereby | claim the benefit ur | nder 35 U.S.C. §11 | 9(e) of any United States provision | nal appli | cation | (s) li | sted b | elow | |
| | 60/127,695 | | April 5, 1999 | | | | | | • |
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| | ation Number) | | (Filing Date) | _ | | | | | |

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| As a named in Hamilton, Brook, Smi Customer No. 210 | th & Reynold | by appoint the attorneys ls, P.C., Two Militia D | and/or agents associated with rive, Lexington, Massachusetts 02421-4799 |
| and | · · · · · · · · · · · · · · · · · · · | | , |
| to prosecute this applica | ation and to tra | ansact all business in the | e Patent and Trademark Office connected therewith. |
| Please send corresp | oondence to: | | |
| [X] Customer No. | H T | 1005 IAMILTON, BROOK, wo Militia Drive exington, MA 02421-4 | , SMITH & REYNOLDS, P.C. |
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| or | | | , |
| or [] Address as foll | lows: | | |
| [] Address as foll | | eo R. Reynolds, Esg. | Telephone No.: 781-861-6240 |
| [] Address as followed Direct telephone | ne calls to: <u>L</u> | eo R. Reynolds, Esg. eo R. Reynolds, Esq. | Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 |
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| Full name of second joint | | |
|---------------------------|----------------------|------|
| _ | Robert C. O'Handley | |
| | Trade to Continuous | |
| | 3 Glenn Cove | |
| | Andover, MA 01810 | |
| | USA | |
| | Same as above | |
| | | |
| inventor, if any | Gerald F. Dionne | |
| Inventor's Signature | | Date |
| Residence | 182 High Street | |
| | Winchester, MA 01890 | |
| Citizenship | USA | |
| | Same as above | |
| Full name of fourth joint | | |
| inventor, if any | Chun Zhang | |
| Inventor's Signature | | Date |
| | | |
| | Warren, NJ 07059 | |
| Citizenship | USA | |
| Post Office Address | Same as above | |
| | | |

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From-HP***

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JOCKET NO. 2583.1002-003

IN THE UNITED STA ENT AND TRADEMARK OFFICE

178186195/7

Declaration for Patent Application

As a named inventor, I hereby declare that:



My residence, post office address and cinzenship are as stated next to my name,

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claused and for which a patent is sought on the invention entitled

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| | Number or PCT | International Applic | ution No. 09/542,346 | | | | | | 70 |
| | and was amended | l on | (it applicable) | | | | | | 900 |
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| country any for | y other than the Uni- eign application for | ted States of Americ patent or inventor's lication on which pr | any PCT international application via, listed below and have also identificate, or of any PCT internationity is claimed: TOT FOREIGN Application(s) | fied be onal ap Pri | law. by | che on ha | cking | the b a fili ified Filed | oux, ng |
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T-112 P.03/08 F-022

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| (Application Serial No.) (Filing date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing date) (Status: patented, pending, abandoned) As a named inventor, I hereby appoint the attorneys and/or agents associated with Hamilton, Brook, Smith & Reynolds, F.C., Two Militia Drive, Lettington, Massachusetts 02421-4799 Customer No. 21005, and to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Please send correspondence to: X Customer No. 21005 | (Application Serial No |).) | | |
| (Application Serial No.) (Filing date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing date) (Status: patented, pending, abandoned) As a named inventor, I hereby appoint the anomeys and/or agents associated with Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799 Customer No. 21005, and O prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Please send correspondence to: X Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Leo R. Reynolds, Esq. Telephone No.: 781-861-6240 Direct fausimales to: Leo R. Reynolds, Esq. Facsumle No. 781-861-9540 i hereby declare that all statements made herein of my own knowledge are true and that all statements made a information and belief are believed to be true; and further that these statements were made with the knowledge has willful false statements and the like so made are punishable by fine or unprisonment, or both, under Section 001 of Title 18 of the Uffitted States Code and that such willful false statements may jeopardize the validity of the piphication or any patent issued theireon ull name of sole or first inventor Yi-Qui Li ovenior's Signature 214 Hall Drive Quinda, CA 94563 intacensing and complete the statement of China | | | July 20, 1999 | Pending |
| (Application Serial No.) (Filing date) (Status, patented, pending, abandoned) As a named inventor, I hereby appoint the attorneys and/or agents associated with Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799 (Customer No. 21005, and or prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please send correspondence to: X Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or Lexington, MA 02421-4799 [] Address as follows: Direct telephone calls to: Leo R. Reynolds Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Leo R. Reynolds, Esq. Facsumle No. 781-861-9549 I hereby declare that all statements made herein of my own knowledge are true and that all statements made in unformation and belief are believed to be true; and further that these statements were made with the knowledge has willful false statements and the like so made are punishable by fine or unprisonment, or bunder Section 001 of Title 18 of the Utilited States Code and that such willful false statements may jeopardize the validity of the pipication or any patent issued thereon Address Proposition Proposi | (Application Serial No |).) —— | (Filing dute) | |
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| Customer No. 21005, and please send correspondence to: X Customer No. Address as follows: Direct telephone calls to: Leo R. Reynolds. Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Leo R. Reynolds. Esq. Telephone No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made in unformanon and belief are believed to be true; and further that these statements were made with the knowledge had willful false statements, or both, under Section 001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the pphication or any patent issued thereon | (Application Serial No | 0.) | (Filing date) | (Status, parented, pending, abandoned) |
| o prosecute this application and to transact all business in the Parent and Trademark Office connected therewith. Please send correspondence to: X Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Milita Drive Leaington, MA 02421-4799 or Address as tollows: Direct telephone calls to: Leo R. Reynolds F.sq. Telephone No.: 781-861-6240 Direct facsimiles to: Leo R. Reynolds F.sq. Facsimile No. 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made in unformation and belief are believed to be true; and further that these statements were made with the knowledge hat willful false statements and the like so made are punishable by fine or unprisonment, or both, under Section 001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the pplication or any patent issued thereon Date Date 214 Hall Drive Qrinda, CA 94563 Republic of China Republic of China | Hamuton, Brook, Sm | ith & Reynold | by appoint the attorneys at ds, P.C., Two Militia Dri | nd/or agents associated with ve, Lexington, Massachusetts 02421-4799 |
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| HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Milita Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Leo R. Reynolds, Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Leo R. Reynolds, Esq. Facsimile No. 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made in information and belief are believed to be true; and further that these statements were made with the knowledge has willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the pipication or any putent issued thereon Date Date Date | | | | |
| Direct telephone calls to: Leo R. Reynolds, Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Leo R. Reynolds, Esq. Facsumle No. 781-861-6240 I hereby declare that all statements made herein of my own knowledge are true and that all statements made in information and belief are believed to be true; and further that these statements were made with the knowledge has willful false statements and the like so made are punishable by fine or unprisonment, or both, under Section 001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the pplication or any patent issued thereon Discount Discoun | X Customer No | F Y | HAMILTON, BROOK, S Two Militia Drive | |
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| Direct facsimiles to: Leo R. Reynolds, Esq. Facsimile No. 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made in information and belief are believed to be true; and further that these statements were made with the knowledge has willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the pplication or any patent issued thereon full name of sole or first inventor Yi-Qun Li aventor's Signanure Date Cesidence 214 Hall Drive Orinda, CA 94563 Sitizenship Republic of China | [] Address as fol | lows: | | |
| Direct facsimiles to: Leo R. Reynolds, Esq. Facsimile No. 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made in information and belief are believed to be true; and further that these statements were made with the knowledge has willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the pplication or any patent issued thereon full name of sole or first inventor Yi-Qun Li aventor's Signanure Date Cesidence 214 Hall Drive Orinda, CA 94563 Sitizenship Republic of China | Direct telepho | ne calls to: L | eo R. Revnolds Esa | Telephone No : 781-861-6740 |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made in information and belief are believed to be true; and further that these statements were made with the knowledge has willful false statements and the like so made are punishable by fine or unprisonment, or both, under Section 001 of Title 18 of the Utilited States Code and that such willful false statements may jeopardize the validity of the pplication or any patent issued thereon "ull name of sole or first inventor Yi-Qun Li aventor's Signature Date 214 Hall Drive Orinda, CA 94563 Stateenship Republic of China | | | | |
| in information and belief are believed to be true; and further that these statements were made with the knowledge has willful false statements and the like so made are punishable by fine or unprisonment, or both, under Section 001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the pplication or any patent issued thereon "ull name of sole or first inventor Yi-Qun Li oventor's Signature Date desidence 214 Hall Drive Orinda, CA 94563 "attachship Republic of China | Dutti intigra | | CON NEVIOUS, ESQ. | Facsumile No. /81-801-9240 |
| or first inventor Yi-Qun Li aventor's Signature Date Lesidence 214 Hall Drive Orinda, CA 94563 Catalonship Republic of China | on information and belt that willful false statem 1001 of Title 18 of the | et are believed ents and the lil United States (| 1 to be true; and further thi ke so made are punishable Code and that such willful | at these statements were made with the knowledge |
| Date | ull name of sole | | | |
| Cesidence 214 Hall Drive Orinda, CA 94563 Citizenship Republic of China | or first inventor | Yi-Qun Li | | |
| Orinda, CA 94563 Attacership Republic of China | eventor's Signature | | | Date |
| itizenship Republic of China | lesidence | 214 Hail D | Prive | |
| | | Orinda, CA | 94563 | |
| ost Office Address Sume as above | itizenship | Republic o | f China | |
| | ost Office Address | Sume as ab | pove | |

612-258-8836

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|---------------------------|---------------------------------------|---------------|
| Full name of second join | ıt | |
| inventor, if any | Robert C O'Handley | · |
| Inventor's Signature | Robert C. O'Husley | Dare Sopt. 20 |
| Residence | , , , , , , , , , , , , , , , , , , , | , |
| | Andover MA 01810 | |
| | USA | |
| | Same as above | |
| Full name of third joint | | |
| inventor, if any | Gerald F. Dionne | |
| | | |
| Residence | | |
| • | Winchester, MA 01890 | |
| | USA | |
| Post Office Address | Same as above | , |
| Full name of fourth joint | | |
| uiventor, if any | Chun Zhang | |
| | | |
| | 10 Old Smalleytown Road | |
| | 142 N.I. (17060) | |
| Citizenship | USA | |
| | Same as above | |
| | | |
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DOCKET NO. 2583.1002-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PR 0 2 2001

Declaration for Patent Application

As a named inventor, I hereby declare that:



My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PASSIVE SOLID-STATE MAGNETIC FIELD SENSORS AND APPLICATIONS THEREFOR

the specification of which (check one) is attached hereto. was filed on April 5, 2000 as United States Application [X] Number or PCT International Application No. 09/542,346 and was amended on ______ (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C F R. §1.56. I hereby claim foreign priority benefits under 35 U S C, 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed: Cernfied Prior Foreign Application(s) Priority Copy Filed? Not Claimed YES NO (Day/Month/Year filed) (Country) (Number) (Day/Month/Year filed) (Country) (Number) (Day/Month/Year filed) (Country) (Number) I hereby claim the benefit under 35 U.S.C §119(e) of any United States provisional application(s) listed below. April 5, 1999 (Filing Date) (Application Number) (Filing Date) (Application Number)

Post Office Address ___

Same as above

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application November 17, 1999 Pending 09/441.763 (Status: patented, pending, abandoned) (Filing date) (Application Serial No.) July 20, 1999 (Filing date) Pending 09/358_177__ (Status: patented, pending, abandoned) (Application Serial No.) (Status patented, pending, abandoned) (Filing date) (Application Serial No.) (Status: patented, pending, abandoned) (Filing date) (Application Serial No.) As a named inventor, I hereby appoint the attorneys and/or agents associated with Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799 Customer No. 21005, and to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Please send correspondence to: [X] Customer No. HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 ΩŢ [] Address as follows: Telephone No 781-861-6240 Direct telephone calls to: Leo R. Reynolds, Esq. Direct facsimiles to: Leo R Reynolds, Esq. Facsimile No., 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Y1-Qun L1 _____ Date _____ Inventor's Signature___ Residence 214 Hall Drive Onnda, CA 94563 Republic of China Citizenship ___

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|--------------------------|-------------------------|-------------------|
| Full name of second jou | | |
| inventor, if any | Roben C. O'Handley | |
| Inventor's Signature | | Date |
| Residence | 3 Glenn Cove | |
| | Andover, MA 01810 | |
| Citizenship | USA | |
| Post Office Address | Same as above | |
| Full name of third joint | | |
| inventor, if any | Gerald F Dionne | · · |
| Inventor's Signature | Gerald & Dionie | Date Soft, 26/200 |
| | 182 High Street | • |
| ·= | Winchester, MA 01890 | |
| | USA | |
| Post Office Address | Same as above | |
| Full name of fourth join | ut | |
| inventor, if any | Chun Zhang | |
| Inventor's Signature | | Date |
| Residence | 10 Old Smalleytown Road | |
| | Warren, NJ 07059 | |
| Citizenship | USA | |
| Post Office Address | Same as above | |
| | | |

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